

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Previously Presented) A device for puncturing a patient's skin comprising a sleeve, a push element mounted on one end of the sleeve, a piston with a puncturing tip slidably mounted inside the sleeve, and a drive spring positioned between the face of the push element and the piston, wherein the push element comprises a turnably mounted therein puncturing force adjusting member, which comprises an inwardly directed pair of oblique half-ring members pressing the piston in operation.
4. (Previously Presented) A device for puncturing a patient's skin comprising a sleeve, a push element mounted on one end of the sleeve, a piston with a puncturing tip slidably mounted inside the sleeve, and a drive spring positioned between the face of the push element and the piston, wherein the push element comprises a turnably mounted therein puncturing force adjusting member, which comprises inwardly directed stair shaped members pressing the piston in operation.
5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Previously Presented) The device of claim 3, wherein the piston has a wing resting on an edge of the sleeve, the wing configured to prevent the piston from sliding through the sleeve, the drive spring compressed until the inwardly directed pair of oblique half-ring members press the piston sufficiently enough to break the wing, at which point the drive spring expands and drives the piston.

9. (Previously Presented) The device of claim 3, wherein the puncturing force adjusting member adjusts a distance within which the drive spring is compressed when the inwardly directed pair of oblique half-ring members press the piston.

10. (Previously Presented) The device of claim 4, wherein the piston has a wing resting on an edge of the sleeve, the wing configured to prevent the piston from sliding through the sleeve, the drive spring compressed until the inwardly directed stair shaped members press the piston sufficiently enough to break the wing, at which point the drive spring expands and drives the piston.

11. (Previously Presented) The device of claim 4, wherein the puncturing force adjusting member adjusts a distance within which the drive spring is compressed when the inwardly stair shaped members press the piston.

12. (Previously Presented) A puncturing device for regulating force of puncture comprising:
a sleeve having a first end and second end, and defining a sleeve axis;
an adjustable push element located at the first end of the sleeve;
a piston slidably mounted within the sleeve, the piston having a wing configured to rest on an edge of the sleeve and prevent the piston from sliding through the sleeve, and the piston having a puncturing tip on a side of the piston opposite to the first end of the sleeve; and
a drive spring within the sleeve and compressed between the adjustable push element and the piston,
the adjustable push element having a member that extends in a direction parallel to the sleeve axis and is configured to press the piston,
the adjustable push element configured to change the distance between a face of the adjustable push element and the piston at the position at which the member presses the piston,
and
the drive spring being compressed until the member presses the piston sufficiently enough to break the wing, at which point the drive spring expands and drives the piston toward the second end of the sleeve.

13. (Previously Presented) The device of claim 12, wherein the adjustable push element has an inside face from which the member extends, the member having an edge opposite to the inside face, and the edge having a gradient such that the distance between the inside face and the edge varies.

14. (Previously Presented) The device of claim 13, wherein the adjustable push element is turnably mounted on the sleeve, and wherein turning the adjustable push element causes a different portion of the edge of the member to press the piston.

15. (Previously Presented) The device of claim 12, wherein the member comprises a pair of oblique half-ring members.

16. (Previously Presented) The device of claim 12, wherein the member comprises stair shaped members.

17. (Previously Presented) The device of claim 12, wherein the wing is configured to rest on an upper edge of the sleeve.

18. (Previously Presented) The device of claim 12, wherein the piston has a second wing configured to rest on an edge of the sleeve.

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19. (Previously Presented) The device of claim 12, wherein the piston comprises a central body, a push rod on a side of the central body proximate to the first end of the sleeve, and a fin on a side of the central body proximate the second end of the sleeve, wherein the member of the adjustable push element presses on the push rod.